

Kairos Autonomi 498 W. 8360 S. Sandy, Utah 84070 801-255-2950 (office) 801-907-7870 (fax) www.kairosautonomi.com

BULLETIN BUL-058

## Troubleshooting: Vehicle Aetheric Radio Connections

## Introduction

To troubleshoot radio issues, the first step is to connect the OCU directly to the vehicle's Pronto 4, and determine functionality.

## Overview

- 1. Boot the system as normal.
- 2. Verify there is a green LED illuminated on the vehicle's radio.
- Connect one end of a standard Ethernet cable (not to exceed 100' long) to the vehicle rooftop radio's "Ethernet" port and the other end to an available OCU Ethernet port.



- 4. Record the IP address on the vehicle radio label.
- 5. Verify the OCU's Local Area Connection TCP/IP, Subnet mask setting is "255.255.0.0".
- 6. Verify the OCU's Local Area Connection TCP/IP, IP address is set to range specifications (refer to Operation Manual's Site-Specific Settings).

ou can get IP settings assigned is capability. Otherwise, you ne e appropriate IP settings.	automatically if your network supports ed to ask your network administrator for
<ul> <li>Obtain an IP address auton</li> <li>Uge the following IP address</li> </ul>	atically F
IP address:	192.168.200.44
Sybnet mask:	255.255.0.0
Default gateway:	
O Obtain DNS server address	automatically
<ul> <li>Usg the following DNS serv</li> </ul>	er addresses:
Preferred DNS server:	
Alternate DNS server:	

Company Confidential © 2013, Kairos Autonomi® Scalable Autonomy™ Troubleshooting: Vehicle Aetheric Radio Connections v.00.03.03

Page 1 of 2 2014-06-04 / 15:47 Troubleshooting Vehicle Aetheric Radio 00\_03\_02\_03.doc



Kairos Autonomi 498 W. 8360 S. Sandy, Utah 84070 801-255-2950 (office) 801-907-7870 (fax) www.kairosautonomi.com

7. Using TightVNCViewer, log-in to the Pronto4, verify the Pronto4 IP address is correct: there is no username, and the password is "pronto4". Click the "OK" button. If the authentication fails on the first attempt, repeat this step. If authentication fails more than once, repeat steps all previous steps. If authentication continues to fail, contact Kairos Autonomi.

San11110334		
11 1 2 5 6 (M A R	3 🖬 🗆	
S Kalros Autonomi JAUS_WH - V	Irrsion 1.00.30	
Application JAUS Co	anna Mission Payload & Data Dpenation Payload Data P454 - ServiPod	AdS4 Deve
AUC Statue Animal O Sub Symetry Note 1 See Load AUC December The Case AUC December The Des Richs L Comparesh Care for Subscray, Des Richs L Comparesh Des Richs L Comparesh Des Richs L Comparesh December	ColdDPOrduryees_Verder, 7:30 Cold / Adapper VV ColdDPOrduryees_Verder, 7:30 Cold / Adapper VV ColdDPOrduryees, Verder, 7:30 Cold / Adapper VV ColdDPOrduryee, Verder, 7:30 Cold / Adapper VV Col	
Result	Peula	Hy Compilter
	ė	encycle fan
fistant of a second	ini - Atter Hone	11.25.01 westwalky 700(201)

- 8. Minimize the TightVNC Viewer window.
- 9. On the OCU (i.e., not in the VNC window), restore or launch djBasis.
- 10. Restore the range specific OCU interface software (i.e., Mobius or Shepherd).
- 11. Log-in to the vehicle using standard procedures (refer to Operation Manual).
- 12. Verify basic functionality, to include video, GPS coordinates, steer, brake, throttle, and shift.
- If basic functionality is NOT working, refer to your Operation Manual's troubleshooting section.
- If basic functionality is working, refer to the "Installation: Aetheric Radio" document.

Troubleshooting: Vehicle Aetheric Radio Connections v.00.03.03



BULLETIN BUL-058